

KARPUSHIN, V.P.

KARPUSHIN, V.P., Cand Med Sci --(dis) "Dynamics of quantitative and qualitative indicators of milk in parturient women after premature labor." Stalino, 1958. 14 pp (St alino State Med Inst im A.M. Gor'kiy). 200 copies (KL, 20-58,101)

KARPUSHIN, V.P., assistant; MIROSHNICHENKO, V.P. [Miroshnychenko, V.P.]

Ascorbic acid content of the milk of parturients having
considerable hemorrhage in labor. Ped. akush. i gin. 22
no. 1:42-44 '60. (MIRA 13:8)

1. Akushersko-ginekologicheskaya klinika (zav. - prof. P.P.
Sidorov) Stalinskogo meditsinskogo instituta (dir. -- dots.
A.M. Ganichkin [Hanichkin]).
(ASCORBIC ACID) (HEMORRHAGE, UTERINE) (MILK, HUMAN)

LANDAU, Ya.M., dotsent; SIGALOV, A.B.; KARPUSHIN, V.P.; MIROSHNICHENKO,
V.P.; RUDNEVSKIY, Yu.I.

Physiological blood loss in the puerperal period of normal labor.
Sov.med. 24 no.3:89-94 Mr '60. (MIRA 14:3)

1. Iz akushersko-ginekologicheskoy kliniki (zav. prof. P.P.Sidorov)
Stalinskogo meditsinskogo instituta (dir. - dotsent A.M.Ganichkin).
(PUERPERIUM)

SIDOROV, P.P., [Sydorov, P.P.], prof.; MIROSHNICHENKO, V.F. [Miroshnychenko, V.P.]; KARPUSHIN, V.P. [Karpushyn, V.P.]

Comparative characteristics of operations using obstetrical forceps under pupendal and ether inhalation anesthesia. Ped., akush. i gin. 23 no.6:44-47 '61. (MIRA 15:4)

1. Kafedra akusherstva i ginekologii (zav. - doktor med.nauk, prof. P.P.Sidorov [Sydorov, P.P.]) Donetskogo meditsinskogo instituta im. A.M.Gor'kogo (rektor - dotsent A.M.Ganichkin [Hanichkin, A.M.]) na baze klinicheskoy bol'nitsy im. M.I.Kalinina (glavnyy vrach - V.F.Zubko).

(ANESTHESIA IN OBSTETRICS)

KARPUSHIN, V.P., kand.med.nauk; MIROSHNICHENKO, V.P., kand.med.nauk;
SOROKA, P.G., assistent

Complete hydatiform mole. Sov. med. 25 no.5:28-33 My '61.
(MIRA 14:6)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. Doktor
meditsinskikh nauk P.P.Sidorov) Stalinskogo meditsinskogo instituta
(dir. - dotsent A.M.Ganichkin) na baze klinicheskoy bol'nitsy
imeni M.I.Kalinina (glavnyy vrach - kandidat meditsinskikh nauk
B.A. Shaparenko).

(UTERUS--TUMORS)

KARFUSHIN, V.P., kand.med.nauk

Treatment of functional uterine hemorrhage with prolactin. (MIRA 15:11)
Akush.i gin. no.1:32-34 '62.

1. Iz akusherako-ginekologicheskoy kliniki (zav. - prof. doktor med.nauk P.P. Sidorov) Donetskogo meditsinskogo instituta imeni A.M. Gor'koog na base klinicheskoy bol'nitsy imeni M.I. Kalinina (glavnyy vrach - dotsent B.A. Shaparenko).
(HEMORRAGE, UTERINE) (PITUITARY HORMONES)

MIROSHNICHENKO, V.P.; SROKA, P.G.; KARPUSHIN, V.F.

Treatment of ovarian tumors during pregnancy. Vop. onk. 11 no.6:98-
100 '65. (MIRA 18:8)

1. Iz kafedry akusherstva i ginekologii No.1 (zav. kafedroy - dotsent V.P.Miroshnichenko) Donetskogo meditsinskogo instituta imeni Gor'kogo (rektor - prof. A.M.Ganichkin) na baze Donetskoy oblasti klinicheskoy bol'nitsy imeni Kulinina (glavnyy vrach - P.A.Karol').

KARPUSHINA, I. M.

ZHAVORONKOV, I.I. [translator]; NEMUKHIN, V.P. [translator]; GRAMP, A.N. [translator]; SHTEYNBERG, A.D. [translator]; MADEYEVA, R.I. [translator]; KARPUSHINA, I.M. [translator]; PEYSAKHZON, B.E., kand.tekhn.nauk, otv.red.; VERINA, G.P., tekhn.red.

[World railroads; survey of the operation and equipment of railroads throughout the world] Zheleznye dorogi mira; obzor ekspluatatsionnoi raboty i tekhnicheskogo osnashcheniia zheleznykh dorog mira. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 587 p. (MIRA 13:2)

(Railroads)

GERASIMOVSKIY, V.I.; KARPUSHINA, V.A.

Relationship of niobium to tantalum in igneous rocks. Geokhimiia no.6:
757-758 Ja '65. (MIRA 18:7)

1. Institut geokhimi i analiticheskoy khimii imeni Vernadskogo AN
SSSR, Moskva.

DAVIDSON, A.G.; DATLIN, S.V.; KIRICHENKO, G.A.; KOROTKOVA, Ye.N.;
KRAVCHENKO, D.V.; ORLOVA, A.S.; ADADUROVA, A.A.; ARKAD'YEV,
V.G.; BARDINA, Yu.Ya.; BODYANSKIY, V.L.; BONDAREV, S.N.;
GLAZACHEV, M.V.; DAVYDOVA, E.A.; IVANOV, V.N.; KARPUSHINA,
V.Ya.; KREKOTEN', L.P.; LANDA, R.G.; LEVITSKAYA, G.O.; LIPETS,
Yu.G.; LOGINOVA, V.P.; ONAN, E.S.; PEGUSHEV, A.M.; PYKHTUNOV,
N.V.; TOKAREVA, Z.I.; KHUDOLEY, V.F.; MILOVANOV, I.V., red.;
MIKAELYAN, E., red.; MUKHIN, R., red.; SVANIDZE, K., red.;
KLIMOVA, T., ~~telka~~. red.

[Africa today; concise reference book on politics and economic
conditions] Afrika segodnia; kratkii politiko-ekonomicheskii
spravochnik. Moskva, Gos. izd-vo polit. lit-ry, 1962. 326 p.
(Africa--Politics)
(Africa--Economic conditions)

SHELEKETIN, A.V., kandidat tekhnicheskikh nauk; KARPUSHINSKIY, N.S., inzhener.

Dust collectors for air purification. Metallurg no.2:26-27 F '56.
(MIRA 9:9)

1.Ukrainskiy tsentral'nyy institut g'igiyeny truda i profzabolevaniy
(for Sheleketin).2.Aglomeratsionnyy tsekh zavoda "Zaporozhstal'" (for
Karpushinskiy).
(Air--Purification) (Zaporozhye--Industrial hygiene)

SHELEKETIN, A.V., kandidat tekhnicheskikh nauk; KARPUSHINSKIY, N.S., inzhener.

Hydraulic method of dust removal from multicyclone heppers. Metallurg
no. 10-10 Az '56. (MIRA 9:10)

1. Ukrainskiy Tsentral'nyy institut gigiyeny i profzabelevaniy (for
Sheleketin). 2. Starshiy energetik aglomeratsionnoye tsekha zavoda
"Zaporozhstal'" (for Karpushinskiy).
(Separators (Machines)--Attachments) (Zaporozh'ye--Ore dressing)

KARPUSHINSKY, N.S.

SHELEKETIN, A.V., kandidat tekhnicheskikh nauk; KARPUSHINSKY, N.S.
inzhener.

Ventilation ducts in the return gallery. Metallurg no.11:11 N '56.
(MLRA 10:1)

1. Krivorozhskiy institut gigiyeny truda i profzabolevaniy (for
Sheleketin). 2. Aglomeratsionnyy tsekh zavoda "Zaporozhstal'" (for
Karpushinskiy).
(Zaporozhye--Metallurgical plants--Heating and ventilation)

KARPUSHINSKIY, N.S.

130-8-4/20

AUTHORS: Sheleketin, A.V., Candidate of Technical Sciences, and Karpushinskiy, N.S., Engineer.

TITLE: Arrangements for Removing Dust from Sinter-Plant Air (Ustroystva dlya obespylivaniya vozdukh na aglofabrike)

PERIODICAL: Metallurg, 1957, No.8, pp. 10 - 12 (USSR).

ABSTRACT: The authors describe the moistening of limestone, ore and coke at the "Zaporozhstal'" Works sinter plant and an arrangement (Fig.1) for improving the sealing of bunkers. They describe how the dust which accumulates in the shells with which the strands at this plant are covered and which used to cause considerable operating trouble is removed, (Fig.2) and a device for depositing dust on to the centre of the conveyor belt. There are 3 figures.

ASSOCIATION: Krivoy Rog Institute of Labor, Hygiene and Occupational Diseases (Krivorozhskiy institut gigiyeny truda i profzabolevaniy) and the "Zaporozhstal'" Works (zavod "Zaporozhstal'")

AVAILABLE: Library of Congress.

Card 1/1

SOV/133-58-10-2/31

AUTHORS: Kissin, D.A., Ioffe, V.Ye., Stanishevskiy, B.A. and
Karpushinskiy, N.S., Engineers

TITLE: Pre-heating of Sinter Mix in Mixing Drums (Podogrev
aglomeratsionnoy shikhty v smesitel'nykh barabanakh)

PERIODICAL: Stal', 1958, № 10, pp 867 - 869 (USSR)

ABSTRACT: By increasing the initial temperature of the sinter mix, its overwetting can be either decreased or completely prevented, thus increasing its gas permeability and therefore increasing the output of sinter. The effect is more pronounced with finer particle size of the sinter-mix components. In 1957, pre-heating of the sinter mix in the mixing drum was introduced on the works. Gas burners for coke-oven gas and compressed air were placed in the mixing drum following the wetting zone (see figure); the removal of the combustion products was obtained by natural draught caused by a chimney of a throughput capacity of 9 - 11 000 m³/h. Observations of the plant operation without and with pre-heating of the mix indicated that by increasing the initial temperature of the mix from 28 - 33 °C to 43 - 49 °C, the output increased by 3.5%.

Card 1/2

SOV/133-58-10-2/31

Pre-heating of Sinter Mix in Mixing Drums

The plant was producing fluxed sinter of a CaO/SiO_2 ratio of 0.9. It is pointed out that a yearly economy of 1 350 000 roubles was obtained. This could be further improved by applying cheaper fuel and improving the thermal efficiency of the installation (at present 40%). There are 1 figure and 3 Soviet references.

ASSOCIATION: Zavod "Zaporozhstal'" (Zaporozhstal' Works)

Card 2/2

SHELEKETIN, Aleksandr Vital'evich; KARPUSHINSKIY, Neum Savvich;
ZHILLO, M.Ye., red.; ISLJANT'YEVA, P.G., tekhn.red.

[Improvement of working conditions at iron ore agglomeration
factories] Osudovlenie uslovii truda na aglomeratsionnykh
fabrikakh zheleznoi rudy. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po chernoj i tsvetnoj metallurgii, 1960. 117 p.
(MIRA 13:12)

(Sintering--Hygienic aspects)

KARPUSHINSKIY, N.S.

Improving work conditions in sintering plants. Metallurg 5
no.9:10-12 S '60. (MIRA 13:8)

1. Zavod "Zaporozhstal'."
(Sintering)
(Metallurgical plants--Heating and ventilation)

KARPUSHINSKIY, N.S.

Dust collection in exhaust pipes. Metallurg 6 no.2:11-13 F '61.
(MIRA 14:1)

1. Energetik aglofabriki zavod "Zaporozhstal".
(Sintering) (Dust collectors)

NICHIPOROVICH, A.A.; SLOBODSKAYA, G.A.; KARPUSHKIN, L.T.

Formation of carbohydrates in photosynthesis at various
light intensities. Fiziol. rast. 10 no.4:405-415 J1-Ag '63.
(MIRA 16:8)

1. Timiriachev Institute of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow.

KARPUSHKIN, V. P.

Secondary fresh syphilis in a patient treated with penicillin
for gonorrhoea. Vest. dermat. i ven. 36 no.7:66-67 J1 '62.
(MIRA 15:7)

1. Iz kliniki kozhnykh i venericheskikh bolezney (dir. - chlen-
korrespondent AMN SSSR prof. V. A. Rakhmanov) I Moskovskogo ordena
Lenina meditsinskogo instituta imeni I. M. Sechenova.

(GONORRHEA) (SYPHILIS---DIAGNOSIS)
(PENICILIN)

SHAKHTMEYSTER, I.Ya., kand.med.nauk; CHERTKOV, I.L., kand.med.nauk;
KARPUSHKIN, V.P.

State of the properdin system in patients with syphilis. Vest.
derm. i ven. 37 no.1:62-65 Ja'63. (MIRA 16:10)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav.-chlen
korrespondent AMN SSSR prof. V.A.Rakhtmanov) I Moskovskogo
ordena Lenina meditsinskogo instituta i radiobiologicheskoy
laboratorii (zav. - prof. M.O.Rausherbakh) Tsentral'nogo
instituta gematologii i perelivaniya krovi.
(SYPHILIS) (PROPERDIN)

KARPUCHKINA, E. T.

4127
NUCLEAR LEVELS IN Li^6 . Yu. L. Sokolov, M. M. Sul'kovskaya, E. T. Karpushkina and E. A. Al'bitskaya. Soviet Phys. JETP 5, 740-4 (1958) Dso.

With the aid of the photographic detection method, reactions with emergence of several particles were studied, which arise as a result of interaction of fast deuterons (with energies up to 13.8 Mev) with nuclei of Li^6 and Li^7 . The following reactions were detected: $Li^6(d, 2d) He^4$, $Li^6(d, d'p) n$, He^4 and $Li^6(d, d') He^4$, which lead to the formation of excited Li^6 nuclei. The following levels of the Li^6 nucleus were found (with $T = 0$): $E_1 = 2.2$ Mev, $E_2 = 4.5$ Mev and $E_3 = 7.5$ Mev. (auth)

Handwritten initials

Category : USSR/Nuclear Physics - Structure and Properties of Nuclei C-4

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 5957

Author : Sokolov, Yu. L., Sul'kovskaya, M. M., Karpushkina, E. T., Al'bitskaya, Ye. A.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720910011-0

Title : Levels of the Li^6 Nuclei

Orig Pub : Zh. eksperim. i teor. fiziki, 1956, 30, No 6, 1007-1012

Abstract : The photographic-plate method was used to study reactions involving the escape of several particles and occurring upon interaction of 13.8 Mev deuterons with nuclei Li^6 and Li^7 . The lithium is introduced directly in the photographic emulsion, the thickness of which is greater than the range of the deuterons. Reactions $Li^6(d, 2d) He^4$, $Li^6(d, d'pn) He^4$, and $Li^7(d, td') He^4$ were observed, and occurred in two stages. The incident deuterons is scattered and excites the nucleus. The excited nucleus then breaks up into several other particles. The levels of the excited Li^6 nucleus (with $T = 0$) were determined for 2.2, 4.5 and 7.5 Mev.

~~KARPUSHKINA, Ye.I.~~ KARPUSHKINA, Ye. I.
SUBJECT USSR / PHYSICS CARD 1 / 2 PA, - 1900
AUTHOR SOKOLOV, JU.L., SULKOVSKAJA, M.M., AL'BICKAJA, E.A., KARPUSKINA, E.I.
TITLE The Levels of the Li⁶-Nucleus
PERIODICAL Dokl. Akad. Nauk, 111, fasc. 6, 1219-1222 (1956)
Issued: 2 / 1957

By the method developed by JU.L. SOKOLOV et al. (Žurn. eksp. i teor. fis., 30, No 6, 1007 (1956)) the reactions occurring on the occasion of the interaction of fast deuterons with Li⁶ and Li⁷ nuclei were investigated. The lithium was introduced immediately into the emulsion layer of the ILFORD E-1 plates. These plates were then irradiated with (17,5±0,25 MeV deuterons in such a manner that their ranges were totally in the emulsion. Among the many reactions observed in the plates, the following were identified in Li⁶ and Li⁷:

$\text{Li}^6(d, 2d)\text{He}^4$; $\text{Li}^6(d, d', p, n)\text{He}^4$, $\text{Li}^7(d, t, d')\text{He}^4$, $\text{Li}^7(d, t, p, n)\text{He}^4$.

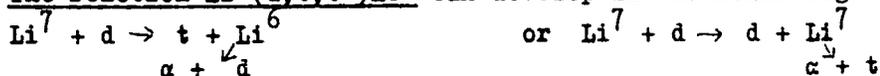
The reaction $\text{Li}^6(d, 2d)\text{He}^4$: Besides the levels at 2,2 and 4,5 MeV, there are levels that occur also at 5,9; 7,4 and 8,3 MeV. All these levels must have the isotopic spin zero because the products of the decay of the Li⁶ nucleus are an α -particle and a deuteron.

The reaction $\text{Li}^6(d, d', p, n)\text{He}^4$: The value of Q here amounts to -3,7 MeV and therefore the excited Li⁶-nucleus does not decay from the level at 2,2 MeV in the case under investigation. As the next level, that at ~ 4,5 MeV could be excited by the nonelastically scattered deuterons. However, the authors found no stars that belonged to this level. This is probably due to the short ranges of the particles produced on this occasion, which prevented the identification

Dokl. Akad. Nauk, 111, fasc. 6, 1219-1222 (1956) CARD 2 / 2 PA - 1900

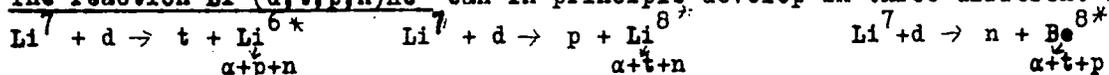
of the corresponding stars. All stars observed in connection with this reaction relate to the decay of excited nuclei from higher levels (~5,9 and ~7,4 MeV). Also the isotopic spins of these levels must be equal to zero because the Li^6 nuclei are excited under the influence of a deuteron.

The reaction $\text{Li}^7(d, t, t')\text{He}^4$ can develop in the following two ways:



From this reaction it is thus possible to determine the position of some levels of Li^6 and Li^7 nuclei. However, utilization of the corresponding stars is somewhat complicated.

The reaction $\text{Li}^7(d, t, p, n)\text{He}^4$ can in principle develop in three different ways:



In the excitations which are possible in this case ($E_{dmax} = 17,5$ MeV) all three varieties are possible. ($Q_{\text{Li}^6} = -3,7$ MeV, $Q_{\text{Li}^8} = -4,5$ MeV and $Q_{\text{Be}^8} = -20$ MeV).

These varieties and the levels corresponding to them are discussed in detail. The results obtained on this occasion are shown in an attached level-scheme. It is of interest to note that, beginning with $E_{\text{Li}^6} = 3,6$ MeV the levels of Li^6 have approximately equal distances (~ 0,8 MeV).

INSTITUTION:

KARPUSHKINA, E.I., AL'BITSKAYA, Ye. A., SOKOLOV, Yu.L., SULKOVSKAYA, M.M.

"Energy levels of Li^6 and He^5 ."

paper submitted at the All-Union Conf. on Nuclear Reactions in Medium and Low Energy Physics, Moscow, 19-27 November 1957.

L 21108-66 EWT(1)/T IJP(c)

ACC NR: AT6006748

SOURCE CODE: UR/3136/65/000/873/0001/0011

AUTHOR: Volkov, B. I.; Grechukhin, D. P.; Karpushkina, E. I.

ORG: Physics Department, Moscow State University im. M. V. Lomonosov (Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta)

TITLE: Tables of photoionization cross sections for the hydrogen atom

59
56

SOURCE: Moscow. Institut atomnoy energii. Doklady, IAE-873, 1965. Tablitsy secheniy fotoionizatsii atoma vodoroda, 1-11 and 240 pages of tables

TOPIC TAGS: ionization cross section, photoionization, hydrogen

ABSTRACT: Tables are given for the photoionization cross sections of (n, l) -states of the hydrogen atom for n between 1 and 15 inclusive. Compilation of these tables was prompted by analysis of various methods for producing streams of fast highly excited neutral atoms for accumulating a hot plasma in magnetic traps. One of the possible methods considered was photon excitation of hydrogen atoms from the $1s$ and $2s$ states. In this case, the yield of excited (n, l) -states of the hydrogen atom is determined by the balance of excitation and decay processes. One of the chan-

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L 21108-66

ACC NR: AT6006748

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nels for decay of (n, l) -states of the hydrogen atom in this case is the photoionization process. The method used for calculating the tables is given and the behavior of the photoionization cross section close to the threshold level is analyzed. Original has 2 tables contained on 240 pages. The authors thank O. S. Kostyrev, N. F. Semikova and Z. V. Tokareva for assistance in compiling the tables.

Orig. art. has: 1 figure, 2 tables, 12 formulas.

SUB CODE: 20/

SUBM DATE: 00/

ORIG REF: 001/

OTH REF: 002

Card 2/2 *dk*

L 06974-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(d) JD/AT

ACC NR: AP6018351

SOURCE CODE: UR/0089/66/020/005/0407/0412

91
89
B

AUTHOR: Grechukhin, D. P.; Karpushkina, E. I.; Sokolov, Yu. L.

ORG: none

TITLE: Optic excitation and ionization of fast hydrogen

SOURCE: Atomnaya energiya, v. 20 no. 5, 1966, 407-412

TOPIC TAGS: hydrogen atom reaction, magnetic trap, plasma injection, optic transition, excited state, photoionization, laser application

ABSTRACT: The authors consider the possibility of increasing the efficiency of injection of fast hydrogen atoms into a magnetic trap by one of two methods: 1. By increasing the populations of the upper levels ($n \sim 10$) in a beam of fast hydrogen atom through irradiation with quanta that are resonant to the chosen $n_1 l_1 \rightarrow n_2 l_2$ transition (for example, $2s \rightarrow 10p$). The dependence of the population of the $n_2 l_2$ level on the radiation density and on the travel time of the atom in the optical field is determined. An estimate of the necessary light-source power is presented on the basis of the obtained data. 2. By photoionization of the hydrogen atoms directly in the active zone of the trap. On the basis of the calcu-

Card 1/2

UDC: 533.9:539.186:539.188

L 06974-67

ACC NR: AP6018351

2

lated dependence of the photoionization cross section of the hydrogen atom on the wavelength of the irradiation, the authors estimate the power of the light source necessary for effective ionisation of the atoms. In the first method, the light flux should have the power of approximately 4.7×10^6 erg/sec-cm², and can be provided either with a laser or with an extended isotropic source placed along the beam trajectory. Whereas the laser power can range from 0.5 to 500 W/cm², depending on the line width, the required power of the isotropic extended source would be 10^8 -- 10^9 W, which is unattainable in practice. The authors thank I. N. Golovin for discussions and support and Z. V. Tokareva for numerical calculations and plotting the curves. Orig. art. has: 5 figures and 2 formulas.

SUB CODE: 20 SUBM DATE: 16Sep65/ ORIG REF: 002 OTH REF: 009

Card 2/2 *flh*

KARPUSHINA, Valentina Yakovlevna; DATLIN, S.V., otv. red.;
BIRYUKOV, V.V., red.

Burundi. Moskva, Nauka, 1965. 86 p. (MIRA 18:9)

PODOBED, N.D.; KARPUSHOVA, A.G.

Theory of phototurbidimetric analysis. Study of the system
 $PbSO_4-Pb(NO_3)_2 - HNO_3 - C_2H_5OH - H_2O$ by the method of light
absorption. *Izv. vys. ucheb. zav; khim. i khim. tekhn.* 3
no. 5:810-814 '60. (MIRA 13:12)

1. Stalingradskiy mekhanicheskiy Institut. Kafedra khimii.
(Systems (Chemistry))

KOCHERGIN, I.I., veterinarnyy vrach; RECHKALOV, M.A., veterinarnyy vrach;
KARPUSHOVA, K.I., veterinarnyy vrach.

Report on the work of the disinfection crew. Veterinariia 30 no.5:
49-51 My '53. (MLRA 6:5)

1. Kolomenskaya mezhrayonnaya vetbaklaboratoriya Moskovskoy
oblasti.

KARPUSHOVA, K. I.

KOCHERGIN, I. I.; RECHKALOV, M. A. AND KARPUSHOVA, K. I.;

Veterinarians, Kolomenskaya Interrayon Veterinary Bacteriological Laboratory,
Moscow oblast. Work experience of a disinfecting detachment.
SO:Veterinariya; 30(5) May 1953

OSTROVSKIY, Yu.M.; LARIN, P.S.; KARPET', S.N. (Grodno)

Distribution of S^{35} -thiamine in tissues following synchronous introduction of different thiamine derivatives and of its antimetabolites. Vop. pit. 24 no.1:83-86 Ja-F '65.

(MIRA 18:9)

1. Kafedra biokhimi (zav.- direktor Yu.M. Ostrovskiy) Grodenskogo meditsinskogo instituta.

OSTROVSKIY, Yu.M.; LUKASHIK, N.K.; RAZUMOVICH, A.N.; BALAKLEYEVSKIY, A.I.;
DOSTA, G.A.; TREBUKHINA, R.V.; LARIN, R.S.; KARPUT', S.N.;
KOMAROVA, B.P.; NEPOCHELOVICH, N.S.; DVORYANINOVICH, L.N.;
MOYSEYENOK, A.G.; MANDRIK, K.A.; GALITSKIY, E.A.; MATYSIK, M.S.;
PODOBED, V.G.; MAKARINA-KIBAK, L.Ya.

Differentiation of specific and nonspecific metabolic shifts
in an acute avitaminosis B₁ caused by oxythiamine. Vop.pit.
24 no.4:41-48 J1-Ag '65. (MIRA 18:12)

1. Kafedra biokhimii (zav. - dotsent Yu.M.Ostrovskiy)
meditsinskogo instituta, Grodno. Submitted July 23, 1964.

PA 255T109

KARFUTKIN, YE.

USSR/Electronics - Television

May 53

"Wired Television Centers," A. Babenko and
Ye. Karputkin

Radio, No 5, pp 42-46

Describes two adapters for the "Leningrad
T-2" TV receiver so that it can operate as a
wired TV center. Also discusses associated
subscriber units. The adapters were developed
in the lab of the Moscow Municipal Wired Radio
Network, Ministry of Communications. The
first unit described ("T-2" receiver and one

255T109

of the adapters) will handle 5-10 subscriber
units; the second unit ("T-2" receiver and the
second of the adapters) will handle 25-60
units. The subscriber's unit has 4 tubes in
addition to the picture tube. A twin-conductor
cable distribution system is employed.

...in, re. P.

261T73

USSR/Electronics - Exhibitions
Physics - Particle Counters

Jul 53

"Application of Radio Methods in the Economy" (Survey
of Exhibits at the 11th All-Union Radio Exhibition)

Radio, No 8, pp 8-11

Describes a number of exhibits in this section of the
All-Union Exhibition. Amateurs A.A. Babenko and
Ye. P. Karputkin and Dr Yu. P. Pomerantsev (Moscow)
were awarded a first prize for an integrating radio-
meter for observations on the heart which employs 2
Geiger-Muller counters at the input and a loop
oscillograph at the output.

261T73

RABENKO, A.; KARPUTKIN, Ye.

Television relay center in the city of Kalinin. Radio no.9:45-46 S '53.

(Television--Kalinin)

(Kalinin--Television)

(MLRA 6:8)

KARPUTKIN, E.

USSR/ Electronics - Amplifiers

Card 1/1 Pub. 89 - 20/32

Authors : Babenko, A., and Karputkin, E.

Title : Amplifier for relay station television antennas

Periodical : Radio 2, 36 - 37, Feb 1955

Abstract : The Laboratory of the Moscow City Rebroadcasting Network designed and produced an amplifier for relay station television antennas. Technical data is presented on the above mentioned amplifier, together with a description of its function and operation. Graph; circuit diagrams; drawings.

Institution:

Submitted:

KARPUTKIN, YE.

USSR/ Electronics - Radiometers

Card 1/1 Pub. 89 - 21/24

Authors : Babenke, A., and Karputkin, Ye.

Title : The integrating radiometer

Periodical : Radio 5, 54 - 56, May 1955

Abstract : The characteristics and numerous applications of the integrating radiometer - an instrument for recording the intensity of radioactive radiation - are discussed. The instrument is intended for various research work (biology, medicine, industrial), carried out with the aid of marked radioactive isotopes. The instrument is designed in single and twin-channel variations depending upon the nature of the investigation to be carried out. The operating diode voltage is supplied from a full-wave rectifier utilizing a 5Ts4S kenotron. The construction of the radiometer is described. Diagrams; graphs.

Institution :

Submitted :

KARPUZIDI, K.S.

USSR/Microbiology. Microbes Pathogenic for Man and Animals F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57682

Author : Karpuzidi K. S., Drozhevkina M. S.

Inst : Not given

Title : The Utilization of Media with Lysates of Microbe-Feeders for the Purpose of Hastening the Bacteriological Diagnosis of Typhoid Fever

Orig Pub : Zh. mikrobiol, epidemiol. i immunologii,
1957 No 6, 92-97
28

Abstract : In the effort to stimulate the growth of typhoid fever bacilli the filtrates of bullion cultures of microbe-feeders were found to be little effective as compared with their lysates. Selected were cultures of yellow sarcina which stimulate the growth of typhoid fever

Card 1/2

Rostov-on-Don Inst., Min. Health USSR

KUCHEROV, P.M.; BYKOV, L.T.; KARPUZIDI, K.S.; MERLIN, V.M.; KUNITSA, N.K.;
KAL'YANOVA, M.L.; ~~PANIN, N.I.~~

Experience with the prevention of tularemia during an extensive epizootic outbreak in rodents. Zhur. mikrobiol. epid. i immun. 29 no.8:3-7 Aug '58.
(MIRA 11:10)

1. Iz Ural'skoy protivochumnoy stantsii i Rostovskogo protivochumnogo instituta.

(TULAREMIA, prevention and control,
during extensive epizootic outbreak in rodents (Rus))

MIRONOV, N.P.; TINKER, I.S.; SHISHKIN, A.K.; SHIRANOVICH, P.I.;
VAL'KOV, B.G.; IVANOV, I.Kh.; KARPUZIDI, K.S.; KLIMCHENKO,
I.Z.; SHIRYAYEV, D.T.

Contemporary status of the plague focus in the northwestern
Caspian Sea region and problems in its further study. Sbor.
nauch. rab. Elist. protivochum. sta, no. 1:19-29 '59.

(MIRA 13:10)

(CASPIAN SEA REGION—PLAGUE)

KARPUZIDI, K.S.; BOZHENKO, V.P.; BICHUL', K.G.

Role of ticks in the epizootology and natural focal development of
plague in the northwestern Caspian Sea region. Sbor. nauch. rab.
Elist. protivochum. sta. no. 1:109-117 '59. (MIRA 13:10)
(CASPIAN SEA REGION—TICKS AS CARRIERS OF DISEASE)
(PLAGUE)

MIRONOV, N.P., prof.; KARPUZIDI, K.S.; KLIMENKO, I.Z.; KOLESNIKOV,
I.M.; LISITSYN, A.A.; NEL'ZINA, Ye.N.; SHIRANOVICH, P.I.;
SHIKYAYEV, D.T.; YAKOVLEV, M.G.; NIKOLAYEV, I.M., red.

[Sources and carriers of plague and tularemia] Istochniki i
perenoschiki chumy i tuliaremi. Moskva, Meditsina, 1965.
194 p. (MIRA 18:4)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy protivo-
chumnyy institut (for all except Nikolayev).

L 13095-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006642

SOURCE CODE: UR/0016/65/000/001/0103/0107

AUTHOR: Adamov, A. K.; Karpuzidi, K. S.

263

ORG: Rostov-on-Don Antiplague Institute (Rostovskiy-na-Donu protivochumnyy institut)

TITLE: Rapid method of identifying Brucella by means of alizarin suspension agglutinins

1644155

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 1, 1965, 103-107

TOPIC TAGS: bacteria, bacteriology

ABSTRACT: The authors propose a new serological method for rapid identification of Brucella -- the reaction of agglomeration of brucellar alizarin suspension agglutinins. The method is very simple and easily used under field conditions, for it does not require complicated laboratory equipment. The agglomeration reaction is strictly specific and permits rapid identification of both typical and substantially changed Brucella strains. It is sensitive enough to detect Brucella in pure and mixed cultures in a concentration of 25-250 million microbial cells per ml. Orig. art. has: 3 tables. [JPB]

SUB CODE: 06 / SUBM DATE: 26Aug63 / ORIG REF: 011

Card 1/1 HW

UDC: 576.851.42.078'

L 63384-65 EWT(1)/EWA(1)/EWA(b)-2 JK

ACCESSION NR: AP5020099

UR/0016/65/000/006/0123/0127
576.851.42.097.2

AUTHOR: Adamov, A. K.; Karpuzidi, K. S.

TITLE: Antigen structure of the causative agent of brucellosis

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 8, 1965, 123-127

TOPIC TAGS: antigen, brucella, brucellosis, immunology

ABSTRACT: Using a new immunological method, the highly specific reaction of agglomeration of alizarin suspension antibodies, the authors found that various strains of brucellas synthesized 7 antigens: *Br. melitensis*--1, 2, 3, 4, (5), 6, 7; *Br. abortus*--1, 2, (3), 4, (5), 6, 7; *Br. suis*--1, 2, (3), 4, 5, (5), 7 [antigens rarely encountered in the particular type of brucellas are enclosed in parentheses]. The antigen composition of the microbes varied with the nature of the nutrient medium, frequency of transfers, and duration of cultivation. The most complete structure occurred in the brucellas grown on Marten's agar. Attempts to use a set of suspension agglutinins against the 7 brucella antigens for typing purposes were unsuccessful. Orig. art. has: 1 figure, 1 table.

Card 1/2

22
20
B

L 63384-65

ACCESSION NR: AP5020099

ASSOCIATION: Rostovskiy protivochumnyy institut (Rostov Antiplague Institute) ⁵⁵²

SUBMITTED: 23Mar64

ENCL: 00

SUB CODE: 1S

NO REF SOV: 005

OTHER: 005

dm
Card 2/2

ADAMOV, A.K.; KARPUZIDI, K.S.

Antigenic structure of brucellosis pathogens. Zhur. mikrobiol.,
epid. i immun. 42 no.8:123-127 Ag '65. (MIRA 18:9)

1. Rostovskiy protivochumnyy institut.

L 05614-67 EWT(1)/EWT(m)/T/EWP(L)/ETI LJP(e) JD/AT

ACC NR: AP6024485

SOURCE CODE: UR/0181/66/008/007/2173/2181

AUTHOR: Karpuzov, D. S.; El'tekov, V. A.; Yurasova, V. Ye. 7/6
BORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy univer-
sitet)TITLE: Angular and energy distribution of ions reflected from single crystals of
copper ✓ 14

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2173-2181

TOPIC TAGS: copper, argon, ion bombardment, ion distribution, angular distribution,
ion energy

ABSTRACT: This is a continuation of earlier work (Izv. AN SSSR ser. fiz. v. 28, 1470, 1964) where the angular distribution of ions reflected from the face of a single-crystal cube of copper was calculated by graphically plotting the trajectories of the ions under certain simplifying assumptions. The present article describes electronic-computer calculations of the angular and energy distributions of the reflected ions without these simplifications. The calculations pertain to the reflection of 3-keV copper ions and 2.2-keV argon ions from single crystals of copper, the bombarding ions being normally incident on the (100) face. It is shown that the maxima in the angular and the energy distributions are produced by ions reflected as a result of a definite number of collisions with the lattice atoms. The angular distribution of the ions reflected from the face of the single crystal is found to be anisotropic, the anisotropy

Card 1/2

L 05614-67

ACC NR: AF6024485

5
being larger for Cu^+ -Cu than for Ar^+ -Cu collisions. For ions reflected in a fixed solid angle, the energy spectrum consists of several distinct peaks corresponding to the collisions of definite multiplicity. The form of the spectrum depends on the direction of emission of the reflected ions. The authors thank O. B. Firsov, G. V. Spivak, Yu. V. Martynenko, and B. V. Panin for a discussion and remarks, and V. I. Shul'ga for help with the processing of the results. Orig. art. has: 5 figures.

SUB CODE: 20/ SUBM DATE: 17Jun65/ ORIG REF: 004/ OTH REF: 003

Card

2/2 *epk*

KARPYCH, A., vrach.

Similar conditions - different results. V pom.profaktivu 14 no.15:13-16
Ag '53. (MIRA 6:7)

1. Meditsinskiy otdel Upravleniya Vsesoyuznogo tsentral'nogo soveta prof-
soyuzov po gosudarstvennomu sotsial'nomu strakhovaniyu.
(Industrial hygiene)

KARPYCHEV, D.A.

Improve practice in public health planning. Sov. zdrav. 16 no.2:9-13
F '57 (MLRA 10:4)

(PUBLIC HEALTH
in Russia, planning of improvements)

KARPYCHEV, V. A.

"Some Problems in the Irrigation of Oil Wells." Cand Phys-Math Sci, Inst of Mechanics, Acad Sci USSR, Moscow, 1955. (KL, No 10, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

AUTHOR: Karpychev, V.A. (Moscow) SOV/24-58-6-27/35

TITLE: On the Influence of Weakly Permeable Inclusions on the Effect of Flooding of Strata (O vliyaniy slabopronitsayemykh vklyucheniy na effekt zavodneniya plastov)

PERIODICAL: Izvestiya Akademii Nauk SSSR Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 6, pp 134-136 (USSR)

ABSTRACT: Fluid flow from one stratum to another has been studied by several authors (Refs 1-3). The solution of this problem in its strict formulation is very difficult, since it is related to the general problem of flow of non-uniform fluids in a non-uniform porous medium, and this problem has not been solved so far. The author considers the problem of fluid flow through a weakly permeable inclusion, the fluid being assumed homogeneous. There are two strata separated by an impermeable partition which contains within itself the weakly permeable inclusion. For simplicity it is assumed that the strata and the inclusion are co-axial circular cylinders. From the lower stratum oil flows out through a circular bank of equally spaced holes while

Card 1/2

SOV/24-58-6-27/35

On the Influence of Weakly Permeable Inclusions on the Effect of Flooding of Strata

into the stratum flows water from a circular bank of inlet holes. Both banks are concentric and their centres lie on the axis of the above mentioned cylindrical regions. The method of solution can be extended to the case of an arbitrary number of weakly permeable inclusions distributed in an arbitrary manner.

There are 1 figure and 5 Soviet references.

SUBMITTED: April 1, 1958

Card 2/2

SOV/24-59-1-15/35

AUTHOR: Karpychev, V.A., (Moscow)

TITLE: The Problem of Replacement of Petroleum by Water with the Formation of an Intermediate Zone (K zadache o vytesnenii nefti vodoy s obrazovaniyem promezhutochnykh zon)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, Energetika i Avtomatika, 1959, Nr 1, pp 107-109 (USSR)

ABSTRACT: Although the problem has been dealt with previously (Ref 1-3), the present paper gives the most general possible solution, neglecting only capillarity. The equations of motion and continuity are set up for a stratum of variable section, which may be curved but which is homogeneous with respect to porosity and permeability. The resulting differential equation, obtained by combining the equations of motion and continuity, cannot be solved as it stands but by dividing the time interval into parts a general solution is derived. Special cases of the differential equation are also considered and lead to the differential

Card 1/2

SOV/24-59-1-15/35

The Problem of Replacement of Petroleum by Water with the
Formation of an Intermediate Zone

equations already given by other workers (Ref 1 and 3)
and to the differential equations for a stratum with
its axis horizontal and for a vertical porous column of
constant cross-section. Thanks are expressed to
G.A.Galin for discussion of the results. There are
2 figures and 5 references of which 3 are Soviet and
2 English.

SUBMITTED: 15th August 1958

Card 2/2

AUTHOR: Karpychev, V. A. (Moscow)

SOV/179-59-3-35/45

TITLE: On the Dislocation of the Contact Between Oil and Water
in Sloping Strata (O peremeshchenii vodoneftyanogo
kontakta v naklonnykh plastakh)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh
nauk, Mekhanika i mashinostroyeniye, 1959, Nr 3,
pp 190-191 (USSR)

ABSTRACT: The problem is illustrated in the figure on p 190 where:

2α - distance between the source and the outflow,

δ - distance between the origin of coordinates and the
line of contact at the surface,

ω - angle of inclination,

Π - thickness of a stratum,

q - intensity of the outflow (or source),

m - porosity,

ξ, η - coordinates,

t - time,

the outflow and the source are denoted by the negative and
the positive signs respectively.

Card 1/2 The potential velocity of the flow is defined according to
the Darcy law as Eq (1) and the components of the rate

KARPYCHEV, V.A. (Moskva)

Displacement of the water-oil contact in strata with bottom water.
Inzh. sbor. 25:208-218 '59. (MIRA 13:2)
(Oil field brines)

KARPYCHEN, V.A.

16(1)10(2) FRASE I BOOK EXPLOITATION 809/2699

Akademiya nauk SSSR. Institut matematiki
 Inzheneringy sbornik, t. 25 (Engineering Symposium, Vol. 25) Moscow, Izdat-vo
 AN SSSR, 1999. 216 p. Kirranta clip inserted. 2,200 copies printed.

Ed.: A.A. Il'yushin; Ed. of Publishing House: D.M. Ioffe; Tech. Ma:
 Ye. V. Mubumi.

RUMFOR: This book is intended for applied mathematicians, physicists and
 engineers.

CONTENTS: The book is a collection of articles published by the Department of
 Engineering Sciences of the Institut matematiki (Institute of Mechanics) of
 the Academy of Sciences, USSR. The articles discuss various aspects of the
 behavior of materials and of fluid mechanics, such as stress and strain of
 beams, shells, plates and rods, supersonic gas flow, vibrational, etc. The
 problems are treated in a highly theoretical, i.e., mathematical, manner.
 References are given at the end of each article.

Grigoriyev, A.S. On Plates of Equal Resistance to Bending	15
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Guzikowski, J.B. Lateral Vibrations of Rods and Plates With Reactive Terminal Forces	81
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Isakoh, P.A., and H.F. Leont'yev. Design of a Spherical Shell Supported by a Foundation	154
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Kozlov, V.A. A Two-dimensional Problem of the Temperature Stresses in a Plastic-Elastic Medium	174
Karapov, A.Ye. A Study of Heat-Exchange in Supersonic Air Flows in Pipes	179
Bar'yev, I.M. Approximate Solution of the Fundamental Boundary Value Problem of a Supersonic Gas Flow	188
Dobytsov, Yu.M. Flow of Liquids to a Vertical Pressure With Filler	197
Levychev, V.A. On the Displacement of a Water-Oil Contact in Formations With Bottom Water	208

KARPYCHEV, V.A. (Moskva)

Displacement of the oil-water contact in nonuniform layers.
Izv. AN SSSR. Otd. tekhn. nauk. Mekh. i mashinostr no. 1:189-191 Ja-F '62.
(MIRA 15:3)

(Oil reservoir engineering)

KARPYCHEV, V. A. (Moskva)

Cone of bottom water in a two-layer formation. Inzh. zhur.
2 no.4:287-292 '62. (MIRA 16:1)

1. Institut mekhaniki AN SSSR.

(Oil field brines)

L 33333-65 EPF(c)/EWP(j)/EWT(a)/T/ Po-4/Pr-4 TH

S/0064/65/000/002/0020/0021

ACCESSION NR: AP5005156

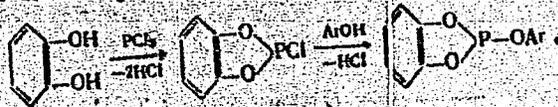
AUTHORS: Gurvich, Ya. A.; Kirpichnikov, P. A.; Tsirol'nikova, N. V.; ²⁴ ~~Zimin~~, Yu. B.; Karpycheva, A. I.; Popova, L. M.

TITLE: Preparation of alkylaryl esters of pyrocatechol phosphorous acid as stabilizers of polymer materials

SOURCE: Khimicheskaya promyshlennost', no. 2, 1965, 20-21

TOPIC TAGS: alkylaryl ester, pyrocatechol, phosphorous, acid, thermostabilization

ABSTRACT: A description of a two-step synthesis of alkylaryl esters, which may become the basis for the industrial production of nonstaining thermostabilizers of polymers, is given and shown by



Side reactions result in the formation of diphosphite compounds. In the first step, to 1 mol of pyrocatechol, held in an enameled steel reactor with cooling coil, 1.5 mol of phosphorous trichloride are added through a period of 15 - 20 Card 1/2

L 33333-65

ACCESSION NR: AP5005156

minutes. The temperature is gradually brought to 100 through 6-7 hours, and to 140C in 2 hours. It is kept there for 10-11 hours. The products of reaction are then distilled. Presence of water during the reaction is beneficial. The second esterification step with phenols or naphthols is performed in inert solvents or without them in enameled steel reactors. The process involves stirring and heating to 120C under bubbling nitrogen. Orig. art. has: 3 figures and 1 formula.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: 00

NO REF SOV: 006

OTHER: 003

Card 2/2

GOL'TSOV, Vladimir, komandir korablya; MAKAROV, Fedor Timofeyevich;
BORDACHEV, Vladimir, komandir samoleta, komsomolets;
NAYDENOVA, Valentina; IVANOV, Boris Mikhaylovich;
KULIKOVA, Galina, inzh; KARPYCHEVA, Alla, inzh.-ekonomist;
GRIGOR'YEV, G.

By the call of conscience. Grazhd. av. 21 no.6:12-13 Je '64.
(MIRA 17:8)

1. Sekretar' podrazdeleniya Vsesoyuznogo Leninskogo kommunisti-
cheskogo soyuza molodezhi pri Bykovskom ob'yedinennom aviapodraz-
delenii (for Gol'tsov). 2. Zamestitel' komandira Bykovskogo
ob'yedinennogo aviapodrazdeleniya po politchasti aviatsii
spetsial'nogo primeneniya (for Makarov). 3. Chlen komsomol'skogo
shtaba "Za kul'turnoye obsluzhivaniye passazhirov" pri Bykovskom
ob'yedinennom aviapodrazdelenii (for Naydenova). 4. Nachal'nik
Linyynoy ekspluatatsionno-remontnoy masterskoy Bykovskogo
ob'yedinennogo aviapodrazdeleniya (for Ivanov). 5. Chleny
komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza
molodezhi, Bykovskoye ob'yedinennoye aviapodrazdeleniye (for
Kulikova, Karpycheva). 6. Spetsial'nyy korrespondent zhurnala
"Grazhdanskaya aviatsiya" (for Grigor'yev).

GALIN, L.A. (Moskva); KARPYCHEVA, Z.F. (Moskva); SHKIRICH, A.R. (Moskva)

Spreading out of the lens of ground waters. Prikl.mat.i mekh.
24 no.3:559-562 My-Je'60. (MIRA 13:10)
(Seepage)

KUL'DZHANOV, B.Zh., kand.tekhn.nauk; YUSUPBEKOV, B.Kh., kand.tekhn.nauk;
KARPYKOV, S.S.

The combined action of excavators and locomotive-drawn trains
in an open pit mine. Vest. AN Kazakh.SSR 20 no.11:60-65 N '64.
(MIRA 18:2)

KUL'DZHANOV, B.Zh.; YUSUPBEKOV, B.Kh.; KARPYKOV, S.S.

Calculating the operating efficiency of an excavator. Trudy
Inst. gor. dela AN Kazakh, SSR 18:16-20 '65.

(MIRA 18:12)

KARPYSHEV M.S.

KOLOKOLOV, N.V.; KARPYSHEV, M.S.; PARTIKOVICH, F.V.; STOLPNER, I.S.;
SHOVKUN, V.Ye.; GAVRILOV, S.M., inzhener, retsenzent; PASTER-
NAK, N.A., inzhener, redaktor; MATVEYEVA, Ye.N., tekhnicheskii
redaktor; POPOVA, S.M., tekhnicheskii redaktor.

[Production practice in the heavy machinery industry (Novyy Krama-
torsk Stalin Machinery Plant at Elektrostal')] Proizvodstvennyi
opyt v tiazhelom mashinostroenii. (Novo-Kramatorskii mashinostroitel'-
nyi zavod imeni Stalina, g. Elektrostal'.) Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry. Vol. 1. 1952. 138 p. [Microfilm]

(MLRA 7:10)

1. Novo-Kramatorskiy mashinostroitel'nyy zavod imeni Stalina,
g. Elektrostal'.

(Machine-shop practice)

KARFYSHEV, M.S.

Work experience gained in erecting the "650" heavy rolling
mill. Proizv.opyt v tiash.mash. no.3:17-31 '55. (MLRA 10:2)

(Rolling mills) (Machinery--Erecting work)

KARPYSHEV, M.S.

Determining the force needed for pushing the charge in heating
furnaces. Proizv.opyt v tiash.mash. no.3:32-36 '55. (MLRA 10:2)

(Furnaces, Heat-treating)

KARPYSHOV, M.S., inzhener.

Structural design of the 850 blooming mill. Proizv.opyt v tiazh.
mash. no.4:3-13 '56. (MLRA 10:2)
(Rolling mills)

KARPYSHEV, Mikhail Sergeyevich,; SMIRNOVA, G.V., tekhn. red.; EL'KIND,
V.D., tekhn. red.

[Selecting equipment for heavy-section mills] Vybor oborudovaniia
krupnosortnykh stanov. Moskva, Gos. nauchno-tekhn. izd-vo mashino
stroit. lit-ry, 1958. 51 p. (MIRA 11:12)
(Rolling mills)

AUTHOR: Karpyshev, M.S. (Engineer) SOV/133-58-12-9/19
TITLE: Increasing the Productivity of Linear Heavy Section
Rolling Mills (Uvelicheniye proizvoditel'nosti
lineynykh krupnosortnykh stanov)
PERIODICAL: Stal', 1958, Nr 12, pp 1108-1112 (USSR)
ABSTRACT: A possible increase in the output of heavy section rolling
mill 650 by some modifications in the initial and final
dimensions of the rolled metal and in the composition and
characteristics of rolling equipment is discussed. In
the first category of modifications the use of blooms of
a larger cross-sectional area and of double length with
a hot saw cutting before finishing passes as well as an
increase in the length of the rolled products, is proposed.
For the above purpose the diameter of roughing rolls
should be increased to 900 mm. Some characteristic
features and the layout (Fig 4) of the proposed new mill

Card 1/2

SOV/133-58-12-9/19

Increasing the Productivity of Linear Heavy Section Rolling Mills

are described. It is stated in the editorial note that the influence of the increasing length of rolling to 100 m on the accuracy of the profile, particularly for thin walled profiles, should be checked.

There are 4 figures.

ASSOCIATION: Novo-Kramatorskiy zavod tyazhelogo mashinostroyeniya, g. Elektrostal' (Novo-Kramatorskiy Heavy Machine Building Works in the town of Elektrostal')

Card 2/2

KARPYSHEV, M.S., Cand Tech Sci -- (diss) "Selection of ~~the~~
type and design^s of equipment of large ~~size~~ ^{shape} mills." Mos, 1959,
12 pp (Glavniiprojekt under the ~~State Plan~~ ^{Program} USSR. Central
Sci Res Inst of Technology and Machine Building TsNIITMash)
(EL, 2b-59, 127)

18.5200

80974
S/136/60/000/07/021/024
E193/E283

AUTHOR: Karpyshev, M. S., Engineer

TITLE: Cutting Titanium with the Aid of a Disc Saw¹⁴

PERIODICAL: Tsvetnyye metally, 1960, Nr 7, pp 88-89 (USSR)

ABSTRACT: The author of the present article conducted a series of exploratory tests on cold cutting of titanium with the aid of a disc saw, with the following characteristics: disc diameter - 1800 mm; thickness of the disc - 10 mm; depth of the cut - 2.5 mm; pitch - 5 mm; peripheral speed - 120 m/sec; power rating of the electric motors - 360 kW. The disc was made of steel containing (%) 0.48 C, 0.77 Mn, 0.28 Si, 0.022 S, 0.013 P, 0.17 Cr, and 0.05 Ni, and characterised by the following mechanical properties: UTS - 72 kg/mm²; yield point - 40 kg/mm²; elongation - 22%; reduction of area - 45% Brinell hardness - 299 kg/mm². The saw was used for cutting cold titanium bars 20 and 70 mm diameter, the carriage feed rates being 100 and 12.5 mm/sec, respectively. No difficulty was experienced in cutting the bars, but numerous cracks, originating at the root of the notches, appeared on the disc after the cutting operation (see Fig 1). It was concluded that although disc saws

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S/130/62/000/006/003/003
A006/A101

AUTHOR: Karpyshev, M. S.

TITLE: Shot-trimming of rolled metal surfaces

PERIODICAL: Metallurg, no. 6. 1962, 34

TEXT: To improve the methods of trimming rolled metal surfaces, the author tested shot-blast trimming of 1X18H9T (1Kh19N9T) and grade "45" steel rods 100 and 70 mm in diameter, respectively. The process is performed on a unit consisting of hyperbolic pulling rolls which set the rods into reciprocating and rotational motion and of a trimming chamber equipped with 12 mm diameter nozzles or shot-blast wheels. The rods are shot-blast at 6 atm pressure with chilled cast-iron smooth spherical shot, 0.7 - 2 mm in diameter. In the case of short rods and a long chamber, the rolls can be located inside the chamber. Rods of various shape can be trimmed. The advantages of the new method over conventional emery-wheel trimming are: high efficiency (one unit ensures trimming of up to 200,000 tons of 90 mm-diameter rods per year in 3-shift operation); the whole rod surface is trimmed; the method is cheaper and can be fully automated. There are 2 figures.

ASSOCIATION: Izhorskiy zavod (Izhorsk Plant)
Card 1/1

KARPYSHEV, M.S.

Shot-blast cleaning the surface of rolled products.
Metallurg 7 no.6:34 Je '62. (MIRA 15:7)

1. Izhovskiy zavod.
(Metal cleaning)

ZAYETS, I.L.; TETEL'BAUM, A.A.; KOVTUSHENKO, A.A.; KARPY SHEV, M.S.;
KUBYSHKIN, B.A.; LEEBEDEVA, N.I., nauchnyy red.; MGROZCVA,
L.A., red.; VINOGRADOV, Ye.A., tekhn. red.

[Shape mills; catalog and manual] Sortovye stany; katalog-
spravochnik. Moskva, TsINTIMASH, 1962. 62 p.

(MIRA 15:11)

1. Elektrostal'skiy zavod tyazhelogo mashinostroyeniya.
(Rolling mills--Catalogs)

KRAUZE, G.N.; BOGOYAVLENSKIY, K.N., kand.tekhn. nauk, retsenzent;
KARPYSHEV, M.S., kand. tekhn. nauk, red.; VASIL'YEVA, V.P.,
red.izd-va; YURKEVICH, M.P., red. izd-va; SPERANSKAYA, O.V.,
tekhn.red.
[Equipment of rolling mills; design, assembly and operation]
Oborudovanie prokatnykh stanov; iz opyta proektirovaniia,
montazha i ekspluatatsii. Moskva, Mashgiz, 1963. 266 p.
(MIRA 16:10)
(Rolling mills--Equipment and supplies)

SHIROKOV, V.I., inzh.; KRAUZE, G.N., inzh.; KARPYSHEV, M.S., kand. tekhn.
nauk

A new semicontinuous heavy-section rolling mill. Stal' 25 no.8:
830-834 S '65. (MIRA 18:9)

1. N. S. KARPYSHEV
2. USSR (600)
4. Air Brakes
7. Ways for improving the hydraulic drive for brakes on small mine hoists.
Ugol' 28 no. 1. 1953

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

KARPYSHEV, N.S.; KRYLOV, V.I., redaktor; VAYNSHTEYN, Ye.B., tekhnicheskii redaktor.

[Brakes on mine hoisting equipment and winches] Tormoza shakhtnykh podzemnykh mashin i lebedok. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1954. 90 p. [Microfilm]
(Hoisting machinery) (MLRA 8:12)

KARPYSHEV, V.S.

KISELEV, Nikolay Nikolayevich; KUZHEL', Maksim Georgiyevich; DIMASHKO, Aleksandr Dominikovich; IL'IN, Petr Lukich; KARPYSHEV, V.S., redaktor; ZAPREYEVA, K.A., redaktor; ALADOVA, Ye.I., tekhnicheskij redaktor

[Mine hoisting machinery (mechanical part); construction atlas]
Shakhtnye podzemnye mashiny (mekhanicheskaja chast'); atlas konstruksii. Moskva, Ugletekhizdat, 1955. 114 p. (MLRA 9:1)
(Mine hoisting)

KARAYCHEV, N. S.

KARAYCHEV, N. S.: "The dynamics of the brake lines of min. hoist machinery." Min. Higher Education USSR. Moscow Mining Inst imeni I. V. Stalin. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knishnaya Letovisl. No 23, 1956

FEDOROVA, Zoya Mikhaylovna,; ~~KARPYSHEV, N.S.~~, otv. red.; D'YAKOVA, G.B.,
red. izd-va,; SABITOV, A., tekhn. red.

[Mine hoisting machines] Rudnichnye podzemnye mashiny. Moskva,
Ugletekhizdat, 1958. 542 p. (MIRA 11:12)
(Mine hoisting)

KARPYSHEV, N.S., kand.tekhn.nauk

Principles of the theory of hydraulic drives for brakes on
mine hoists. Nauch. trudy MGI no.23:37-59 '58. (MIRA 15:12)
(Mine hoisting--Brakes)

KARPYSHEV, N.S., dotsent, kand. tekhn. nauk

Certain problems in mine hoisting. Nauch. trudy Mosk. inst.
radioelek. i gor. elektromekh. no.44:3-10 '62. (MIRA 17:9)

KARFYSHEV, N.S., dotsent

Analytic study of a combined pneumatic brake drive. Izv.vys.ucheb.zav.;
gor.zhur. 7 no.6:97-106 '64. (MIRA 17:12)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki.
Rekomendovana kafedroy statsionarnykh mashin i ustanovok.

KRESTOVNIKOV, V. N.; KARPYCHEV, V. S.

Zigan Valley - Paleontology

Fauna and stratigraphy of the Etroeungt beds along the Zigan River (Southern Urals).
Trudy Inst. geol. nauk AN SSSR no. 6, 1948.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED

KARPYSHEV, V.S.

3(5)

PHASE I BOOK EXPLOITATION

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RNSR. *Glavnoye upravleniye geologii i okhrany nedr*
Geologiya i neftegazonosnost' Vostochnoy Sibiri (Geology and Oil- and
Gas-bearing Possibilities of Eastern Siberia), Moscow, Gosgostop-
zhenitsat, 1959. 488 p. 1,650 copies printed.

Additional Sponsoring Agency: Vostochno-Sibirskiy neftegeologicheskiy
trest.
Ed.: V.G. Vasil'yev; Executive Ed.: Ye.O. Pevshin; Tech. Ed.:
I.G. Podolova.

PURPOSE: The book is intended for geologists interested in the
stratigraphy, lithology, tectonics, and the oil- and gas-bearing
possibilities of the Eastern Siberian platform and Zabaykalye.
CONTENTS: This collection of articles contains materials on the strati-
graphic classification and lithologic characteristics of sediments
of the Cambrian system and of the so-called "ancient" beds devel-
oped along the northern slope of the Eastern Sayan Mountains and
the western littoral of Lake Baykal. Extensive information on the
petrography and paleontology of these deposits is presented. A
number of articles deal with the tectonics of the southern part of
the Eastern platform and its oil- and gas-bearing possibilities
of the Baikal depression. There are 40 tables, 74 figures,
and 4 charts. There are 205 Soviet references.

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AVAILABLE: Library of Congress

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KARPYSHEV, V.S.

Relations between holocene-carbonate and red bed Cambrian formations
in the western part of the Irkutsk amphitheater. Dokl. AN SSSR 160
no.2:425-428 Ja '65. (MIRA 18:2)

1. Submitted August 26, 1964.

TIZDEL', R.R.; KARPYSHEV, Ye.S.; MOLOKOV, L.A.; KONYAROVA, L.P.;
PESTOVSKIY, K.N.; ZENKOV, M.V.; KIRICHENKO, N.I.; HEYSHTADT,
L.I.; MALYAROVA, I.Ye.; PIRTSKHALAYSHVILI, G.P.; KALMYKOVA,
N.I.; BELYY, L.D., doktor geol.-min. nauk; BOROVOY, A.A.,
red.; GOTMAN, T.P., red.; LARIONOV, G.Ye., tekhn. red.

[Geology and dams]Geologiya i plotiny. Pod obshchei red. A.A.
Borovogo. Moskva, Gosenergoizdat, (Its Materialy po proektiro-
vaniu gidroenergeticheskikh uzlov. Seriya 2: Izyskaniia)
Vol.2. 1962. 151 p. (MIRA 15:9)

1. Moscow. Vsesoyuznyy gosudarstvennyy proyektnyy institut
"Gidroenergoproekt." 2. Vsesoyuznyy gosudarstvennyy proyekt-
nyy institut , Moscow (for all except Borovoy, Gotman,
Larionov).

(Geology) (Dams)

KONYAROVA, L.P.; NEYSHTADT, L.I.; LYKOSHIN, A.G.; KARPYSHEV, Ye.S.;
BOROVÜY, A.A., red.; BELYY, L.D., doktor geol.-miner.
nau, red.; BUL'DYAYEV, N.A., tekhn. red.

[Geology and dams] Geologiya i plotiny. Pod obshchei red.
A.A.Borovogo. Moskva, Gosenergoizdat, Vol.3. 1963. 175 p.
(MIRA 17:3)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'nyy i nauchno-issledovatel'skiy institut "Gidroproyekt" im. S.IA.Zhuka.
2. Vsesoyuznyy proyektno-izyskatel'nyy i nauchno-issledovatel'skiy institut, Moscow (for Konyarova, Neyshtadt, Lykoshin, Karpyshev).

KARPYSHEV, Ye.S., kand. geol.-miner. nauk; BARANOVSKAYA, Ye.I.;
BOROVOY, A.A., red.

[Geology and dams] Geologiya i plotiny. Moskva, Energiia,
Vol.4. 1964. 135 p. (MIRA 18:4)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-
issledovatel'skiy institut "Gidroproyekt" imeni S.Ya.Zhuk.